UNIV-1100 — First Year Seminar: Scientific Computing Learning Community

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Python as a Calculator

Homework

1.   **print** 'Hello World!'

2.   4 + 5 + 7

3.   a = 'Hello World!'

       print a

       print 'a'

Python as a Calculator

4.     ```
       x = 5 + 7

       print x

       x = 6 + 7

       print x
       ```

5.     ```
       x = 5 + 7

       print x

       y = x + 10

       print y
       ```

Python as a Calculator

6.   2/3

7.   2//3

8.   2.0/3.0

9.   2.0//3.0

10. 3 * 5/(2 + 4)

11. 3*5//(2 + 4)

12. 3.0 * 5.0/(2.0 + 4.0)

13. 3.0 * 5.0//(2.0 + 3.0)

Python as a Calculator

14. (7 + 9) ** 0.5 * 2

15. (4 − 7) ** 3

16. (−19 + 100) ** (1/4)

17. (−19 + 100) ** (1//4)

18. 8 % 2

19. 9 % 2

Python as a Calculator

20.   5 < 7

21.   7 >= 4

22.   x = 5

      y = 7

      x == y

Python as a Calculator

23.   x = 'abc'

        y = 'def'

        x != y

        x == y

        x + y

Python as a Calculator

24.
```
x = 5

x += 2

print x

x += 2

print x

x = x + 2

print x

x = x + 2

print x
```

Python as a Calculator

25. d = 'Done!'

        print(d)